

CLAIMS

5

I claim:

- 1) A method for improving the performance of an electrical power distribution grid, said grid utilizing existing rights of way to traverse real property, comprising the steps of
 - a. providing a plurality of electrical storage devices capable of alternately storing and discharging electricity,
 - b. locating the electrical storage devices within the existing rights of way, and
 - c. connecting said storage devices to said grid.
- 2) The method of claim 1 further comprising the step of locating at least some of said electrical storage devices within new rights of way granted to expand said grid.
- 3) The method of claim 1 wherein said existing rights of way are selected from the group consisting of gas line rights-of-way, power line rights-of-way, substation rights-of-way, petroleum rights-of-way, communications rights-of-way, road rights-of-way, water rights-of-way, sewer rights-of-way, railroad rights-of-way, and combinations thereof.
- 4) The method of claim 1 wherein said electrical storage devices are placed within the rights of way for electric transmission poles utilized in said grid.

- 5) The method of claim 5 wherein said electrical storage devices are placed within said electrical transmission poles.

5